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~~format (format 1) in order to have the same transmission time as the longer format (format 2). In a DTX field the transmitter may not transmit data, for example, by transmitting 0 in place of 1 or 1. In the current example, assuming an encoding rate (R) of 1/3, for example, a function describing the relationship between the two formats described in Fig. 1 may be:~~

$$3 \cdot (N_1 + N_{CRC} + N_{tail}) + N_{DTX} = 3 \cdot (N_2 + N_{CRC} + N_{tail}).$$

~~Other encoding rates and functions may be used.~~

(Release 1999)". Blind transport format detection may use CRC for blind format detection. For example, a data-receiving device may perform Viterbi-decoding on a soft decision sample sequence, such that an assumed correct trellis path of the Viterbi-decoder ends at a zero state at the correct end bit position. Other formats or processes may be used. —

On page 7, replace paragraph [0023] with the following amended paragraph:

—In the above example,  $r_i$  refers to samples of the received bits, where  $-\infty < r_i \leq \infty$ .  $r_i$  may include all bits received, including data bits and DTX bits. Each  $\hat{d}_i$  value may refer to a respective possible transmitted bit, and may have a value of -1 or 1. These  $\hat{d}_i$  values may be derived from the  $r_i$  values by using, for example, a Trellis metric. A Trellis metric may, for example, be calculated by Trellis algorithm or a Viterbi algorithm or any other suitable function for determining the most probable sequence of hidden states given a sequence of observed states. The resulting set of  $\hat{d}_i$  values may express the transmitted data, however it may be unclear which of these  $\hat{d}_i$  values represent the actual format of the transmitted block. The Viterbi/Trellis algorithm may calculate a Viterbi metric value for each of the possible format values ( $N_{(format_j)}$ ). For example, the format values may include the set of 100, 200 and 300. Other functions may be used to determine the Viterbi metric values.—

<sup>6</sup>  
 On page 7, replace paragraph [0024] with the following amended paragraph:

—The calculated Viterbi metric values for each of a plurality of possible format parameters for transmitted data bits,  $N_{(format_j)}$ , may be used to determine

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